

X-GEN Black Nitrile Exam Gloves

Chemical Resistance & Barrier Guide

Cat# 44-100BK

Chemical Resistance Selection Chart for Protective Gloves

No	Chemical Name	Nitrile
1	Acetaldehyde	G
2	Acetic Acid	VG
3	Acetone	P
4	Ammonium Hydroxide	VG
5	Amy Acetate	P
6	Aniline	P
7	Benzaldehyde	G
8	Benzene	F
9	Butyl Acetate	P
10	Butyl Alcohol	VG
11	Carbon Disulfide	F
12	Carbon Tetrachloride	G
13	Castor Oil	VG
14	Chlorobenzene	P
15	Chloroform	F
16	Chloroaphthalene	F
17	Chromic Acid (50%)	F
18	Citric Acid (10%)	VG
19	Cyclohexanol	VG
20	Dibutyl Phthalate	G
21	Diesel Fuel	VG
22	Diisobutyl Ketone	P
23	Dimethylformamide	G
24	Diethyl Phthalate	VG
25	Dioxane	G
26	Epoxy Resins, dry	VG
27	Ethyl Acetate	F
28	Ethyl Alcohol	VG
29	Ethyl Ether	G
30	Ethylene Dichloride	P
31	Ethylene Glycol	VG
32	Formaldehyde	VG
33	Formic Acid	VG
34	Freon 11	G
35	Freon 12	G

No	Chemical Name	Nitrile
36	Freon 21	G
37	Freon 22	G
38	Furfural	G
39	Gasoline, Leaded	VG
40	Gasoline, Unleaded	VG
41	Glycerin	VG
42	Hexane	G
43	Hydrazine (65%)	G
44	Hydrochloric Acid	G
45	Hydrofluoric Acid (48%)	G
46	Hydrogen Peroxide (30%)	G
47	Hydroquinone	F
48	Isooctane	VG
49	Kerosene	VG
50	Ketones	P
51	Lacquer Thinners	P
52	Lactic Acid (85%)	VG
53	Lauric Acid (36%)	VG
54	Lineolic Acid	G
55	Linseed Oil	VG
56	Maleic Acid	VG
57	Methyl Alcohol	VG
58	Methylamine	G
59	Methyl Bromide	F
60	Methyl Chloride	P
61	Methyl Ethyl Ketone	P
62	Methyl Isobutyl Ketone	P
63	Methyl Methacrylate	F
64	Monoethanolamine	VG
65	Morpholine	G
66	Naphthalene	G
67	Napthas, Aliphatic	VG
68	Napthas, Aromatic	G
69	Nitric Acid	F
70	Nitric Acid, red and white fuming	P

Rating Key:

VG	: Very Good
G	: Good
F	: Fair
P	: Poor

Chemical Resistance Selection Chart for Protective Gloves

No	Chemical Name	Nitrile
71	Nitromethane (95.5%)	F
72	Nitropropane (95.5%)	F
73	Octyl Alcohol	VG
74	Oleic Acid	VG
75	Oxalic Acid	VG
76	Palmitic Acid	VG
77	Perchloric Acid (60%)	G
78	Perchloroethylene	G
79	"Petroleum Distillates (Naphtha)"	VG
80	Phenol	F
81	Phosphoric Acid	VG
82	Potassium Hydroxide	VG
83	Propyl Acetate	F
84	Propyl Alcohol	VG
85	Propyl Alcohol (iso)	VG
86	Sodium Hydroxide	VG
87	Styrene	F
88	Styrene (100%)	F
89	Sulfuric Acid	G
90	Tannic Acid (65)	VG
91	Tetrahydrofuran	F
92	Toluene	F
93	Toluene Diisocyanate (TDI)	F
94	Trichloroethylene	G
95	Triethanoamine (85%)	VG
96	Tung Oil	VG
97	Turpentine	VG
98	Xylene	F

Rating Key:

VG	: Very Good
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F	: Fair
P	: Poor

The information in this Chemical compatibility chart is intended to provide general information about the resistance of Nitrile film to the commonly used chemicals listed. Genesee Scientific Nitrile disposable gloves are designed to provide barrier protection and tactile sensitivity to the wearer.

Our gloves are not designed for application involving prolonged, direct exposure to chemicals. All chemicals should be thoroughly evaluated by the wearer prior to any potential exposure. Our intent in providing this chemical compatibility information is to provide a guideline for use of our gloves in applications where incidental splash exposure to various chemicals may occur.

** Information is based upon published research data. Genesee Scientific gloves have not been individually tested against these chemicals. Variability in materials thickness, chemical concentration, temperature and length of exposure to chemicals will affect specific performance.

References:

Personal Protective Equipment, U.S. Department of Labor, Occupational Safety and Health Administration, OSHA 3151-12R 2003, www.osha.gov